

8 pages

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	16	javidi-bahram.in. or matoba-osamu.in.	US-PGPUB; USPAT	ADJ	ON	2006/02/26 08:24
S3	2317	380/54;382/276,280,305;359/11, 29,238;365/124-125.ccls. and (@ad<"20001127" or @riad<"20001127")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/07/28 12:10
S5	19	S3 and (optical\$2 with (encrypt\$3 or scrambl\$3) with (image or holograph\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/26 09:43
S6	7	("5793871").URPN.	USPAT	ADJ	ON	2005/07/28 12:58
S7	77	S3 and ((space or spatial or parallel) with (time or temporal or serial) with (conver\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/07/28 15:43
S8	8	S7 and (image with optical with transmi\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/26 09:59
S9	1	S7 and (optical\$2 with (encrypt\$3 or scrambl\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/26 10:02
S10	4243	(space\$1to\$1time or spatial\$1to\$1temporal or parallel\$1to\$1serial) near2 (conver\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/07/28 16:00
S11	21	(space\$1to\$1time or spatial\$1to\$1temporal) near2 (conver\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/08/02 14:21
S12	12	S11 and (encrypt\$3 or scrambl\$3 or cipher\$3 or encod\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/26 10:03
S13	7	("5903648").URPN.	USPAT	ADJ	ON	2005/08/02 12:54
S14	1	leaird-daniel-e.in.	US-PGPUB; USPAT	ADJ	ON	2006/02/26 10:06

## EAST Search History

S15	50810	(pulse near2 shap\$3) or femtosecond same ultrafast	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/08/02 14:22
S16	321	((pulse near2 shap\$3) or femtosecond) same ultrafast	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/08/02 14:24
S17	2	S16 and ((transmitter or receiver) with conver\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/26 10:07
S18	52948	((pulse near2 shap\$3) or femtosecond)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/08/02 14:25
S19	50622	(pulse near2 shap\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/08/02 14:25
S20	1210	S19 and ((space or spatial or parallel) with (time or temporal or serial) with (conver\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/08/02 14:26
S21	174	S20 and (encrypt\$3 or scrambl\$3 or cipher\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/08/02 14:26
S22	124	S20 and ((encrypt\$3 or scrambl\$3 or cipher\$3) with (send\$3 or transmit\$4 or receiv\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/08/02 14:27
S23	87	S22 and (@ad<"20001127" or @rlad<"20001127")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/08/02 14:29
S24	57	S23 and (optical or image or holograph\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/26 10:12

## EAST Search History

S25	28	(spectral adj holograph\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/08/02 17:28
S26	4	S25 and (encrypt\$3 or scrambl\$3 or cipher\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/26 10:13
S27	2	("5668647").URPN.	USPAT	ADJ	ON	2005/08/02 17:32
S28	2	("5528389").URPN.	USPAT	ADJ	ON	2005/08/02 18:19
S29	441	(encrypt\$3 near5 (database or storage)) with (optical or image or holograph\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/08/02 18:20
S30	270	(encrypt\$3 near3 (database or storage)) with (optical or image or holograph\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/08/02 18:21
S31	214	(encrypt\$3 near3 (database or storage)) near6 (optical or image or holograph\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/08/02 18:24
S32	6	S31 and ((space or spatial or parallel) with (time or temporal or serial) with (conver\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/26 10:15
S37	16	javidi-bahram.in. or matoba-osamu.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/19 11:38
S38	2349	380/54;382/276,280,305;359/11, 29,238;365/124-125.ccls. and (@ad<"20001127" or @rlad<"20001127")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 15:00
S39	19	S38 and (optical\$2 with (encrypt\$3 or scrambl\$3) with (image or holograph\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 11:43

## EAST Search History

S40	78	S38 and ((space or spatial or parallel) with (time or temporal or serial) with (conver\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/26 10:50
S41	8	S40 and (image with optical with transmi\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 11:45
S42	1	S40 and (optical\$2 with (encrypt\$3 or scrambl\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/26 10:02
S43	22	(space\$1to\$1time or spatial\$1to\$1temporal) near2 (conver\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/26 10:03
S44	13	S43 and (encrypt\$3 or scrambl\$3 or cipher\$3 or encod\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 11:47
S46	2	leaird-daniel-e.in.	US-PGPUB; USPAT	ADJ	ON	2006/02/26 10:06
S47	364	((pulse near2 shap\$3) or femtosecond) same ultrafast	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/26 10:07
S48	18	S47 and ((transmit\$4 or receiv\$3) with conver\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/26 10:07
S50	52273	(pulse near2 shap\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/26 10:12
S51	1316	S50 and ((space or spatial or parallel) with (time or temporal or serial) with (conver\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/26 10:53

## EAST Search History

S52	136	S51 and ((encrypt\$3 or scrambl\$3 or cipher\$3) with (send\$3 or transmit\$4 or receiv\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/26 10:12
S53	89	S52 and (@ad<"20001127" or @rlad<"20001127")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/26 10:12
S54	57	S53 and (optical or image or holograph\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 11:47
S55	31	(spectral adj holograph\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/26 10:13
S56	5	S55 and (encrypt\$3 or scrambl\$3 or cipher\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/26 10:13
S57	243	(encrypt\$3 near3 (database or storage)) near6 (optical or image or holograph\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/26 10:15
S58	7	S57 and ((space or spatial or parallel) with (time or temporal or serial) with (conver\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/26 10:15
S59	0	S38 and ((data information signal pulse) with broaden\$3 same overlap\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 11:55
S60	0	S51 and ((data information signal pulse) with broaden\$3 same overlap\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 12:03
S62	0	S38 and ((data information signal pulse) with (sampl\$3 measur\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 11:56

## EAST Search History

S63	0	S51 and ((data information signal pulse) with (sampl\$3 measur\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 12:03
S64	22	javidi-bahram.in. or matoba-osamu.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/19 11:38
S65	2413	380/54;382/276,280,305;359/11, 29,238;365/124-125.ccls. and (@ad<"20001127" or @rlad<"20001127")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 11:43
S66	23	S65 and (optical\$2 with (encrypt\$3 or scrambl\$3) with (image or holograph\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 11:43
S67	80	S65 and ((space or spatial or parallel) with (time or temporal or serial) with (conver\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 11:45
S68	8	S67 and (image with optical with transmi\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 11:45
S69	22	(space\$1to\$1time or spatial\$1to\$1temporal) near2 (conver\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 11:47
S70	13	S69 and (encrypt\$3 or scrambl\$3 or cipher\$3 or encod\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 11:47
S71	54393	(pulse near2 shap\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 11:47
S72	1455	S71 and ((space or spatial or parallel) with (time or temporal or serial) with (conver\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 11:47

## EAST Search History

S73	187	S72 and ((encrypt\$3 or scrambl\$3 or cipher\$3) with (send\$3 or transmit\$4 or receiv\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 11:47
S74	95	S73 and (@ad<"20001127" or @rlad<"20001127")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 11:47
S75	61	S74 and (optical or image or holograph\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 11:48
S76	0	S65 and ((data information signal pulse) with broaden\$3 same overlap\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 11:55
S77	0	S65 and ((data information signal pulse) with (sampl\$3 measur\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 11:57
S78	0	S65 and ((sampl\$3 measur\$3 threshold\$3) same ((recover\$3 restor\$5) with (lost near3 (data information))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 12:04
S79	0	S72 and ((data information signal pulse) with broaden\$3 same overlap\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 12:03
S80	0	S72 and ((data information signal pulse) with (sampl\$3 measur\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/19 12:03
S81	0	S72 and ((sampl\$3 measur\$3 threshold\$3) same ((recover\$3 restor\$5) with (lost near3 (data information))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 12:25

## EAST Search History

S82	0	(optical\$2 AND (encrypt\$3 cipher\$3) AND (space spatial parallel) AND (time temporal serial) AND conver\$4 AND (sampl\$3 measur\$3) AND (decrypt\$3 decipher\$3) AND threshold\$3 AND (recover\$3 restor\$3) AND (lost near2 (data information))))).clm.	US-PGPUB	OR	ON	2006/10/19 12:32
S83	957	714/1-2,100.ccls. and (@ad<"20001127" or @rlad<"20001127")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 15:00
S84	1	S83 and ((sampl\$3 measur\$3 threshold\$3) same ((recover\$3 restor\$5) with (lost near3 (data information))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 15:01
S85	6	S83 and ((sampl\$3 measur\$3 threshold\$3) same ((recover\$3 restor\$5 correct\$3) with ((lost error) near3 (data information))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 15:02